

09/447962
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 09:26:48 ON 07 MAR 2002.

L1 6288 S BLEOMYCIN
L2 778 S POLYKETIDE (2W) (SYNTHET? OR SYNTHAS?)
L3 10 S L1 AND L2
L4 84 S VERTICILLUS
L5 62 S L1 AND L4
L6 9 S L5 AND POLYKETIDE?
L7 2 S L3 NOT L6

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2002:134587 CAPLUS
TI Cloning and Characterization of the Bleomycin Biosynthetic Gene
Cluster from Streptomyces verticillus ATCC15003
AU Shen, Ben; Du, Liangcheng; Sanchez, Cesar; Edwards, Daniel J.; Chen, Mei;
Murrell, Jeffrey M.
SO Journal of Natural Products ACS ASAP

✓ L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2002:17943 CAPLUS
TI The biosynthetic gene cluster for the anticancer drug bleomycin
from Streptomyces verticillus ATCC15003 as a model for hybrid
peptide-polyketide natural product biosynthesis
AU Shen, B.; Du, L.; Sanchez, C.; Edwards, D. J.; Chen, M.; Murrell, J. M.
SO Journal of Industrial Microbiology & Biotechnology (2001), 27(6), 378-385

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2001:813039 CAPLUS
TI Nonribosomal biosynthesis of microbial chromopeptides
AU Keller, Ullrich; Schauwecker, Florian
SO Progress in Nucleic Acid Research and Molecular Biology (2001), 70,
233-289

L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2001:558373 CAPLUS
TI C-Methyltransferase and Cyclization Domain Activity at the Intraprotein
PK/NRP Switch Point of Yersiniabactin Synthetase
AU Miller, Deborah Ann; Walsh, Christopher T.; Luo, Lusong
SO Journal of the American Chemical Society (2001), 123(34), 8434-8435

✓ L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:721443 CAPLUS
TI The biosynthetic gene cluster for the antitumor drug bleomycin
from Streptomyces verticillus ATCC15003 supporting functional interactions
between nonribosomal peptide synthetases and a polyketide
synthase
AU Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.; Shen, Ben
SO Chem. Biol. (2000), 7(8), 623-642

Appl. L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:475776 CAPLUS
TI Bleomycin gene cluster components from Streptomyces verticillus
and their uses
IN Shen, Ben; Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.
SO PCT Int. Appl., 161 pp.

Printed L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:332950 CAPLUS
TI Bleomycin biosynthesis in Streptomyces verticillus ATCC15003: A
model for hybrid peptide and polyketide biosynthesis.
AU Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.; Murrell,
Jeffrey M.; Shen, Ben
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March
26-30, 2000 (2000), ORGN-822 Publisher: American Chemical Society,
Washington, D. C.

Printed L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:332949 CAPLUS
TI Cloning and characterization of a phosphopantetheinyl transferase from the
~~bleomycin-producing Streptomyces verticillus ATCC15003.~~
AU Sanchez, Cesar; Shen, Ben
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March
26-30, 2000 (2000), ORGN-821 Publisher: American Chemical Society,
Washington, D. C.

✓ IDS L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1999:281805 CAPLUS
TI Bleomycin biosynthesis in Streptomyces verticillus ATCC15003: a
model of hybrid peptide and polyketide biosynthesis
AU Shen, Ben; Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.
SO Bioorg. Chem. (1999), 27(2), 155-171

Printed L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1999:145586 CAPLUS
TI Bleomycin biosynthesis in streptomyces verticillus ATCC15003:
The search for a hybrid polyketide and peptide biosynthetic system
AU Shen, Ben; Du, Liangcheng; Edwards, Dan; Chen, Mei; Sanchez, Cesar
SO Book of Abstracts, 217th ACS National Meeting, Anaheim, Calif., March
21-25 (1999), ORGN-153 Publisher: American Chemical Society, Washington,
D. C.

WEST Search History

DATE: Thursday, March 07, 2002

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR

L3 L2 and l1

14 L3

L2 polyketide\$ adj2 (synthase\$ or synthetase\$)

196 L2

L1 bleomycin\$

3616 L1

END OF SEARCH HISTORY

STIC-Biotech/ChemLib

59049

From: Kerr, Kathleen
Sent: Monday, January 28, 2002 9:27 AM
To: STIC-Biotech/ChemLib
Subject: CORRECTION to Sequence Search Request 09/477962

Correction

-----Original Message-----

From: Kerr, Kathleen
Sent: Saturday, January 26, 2002 5:53 PM
To: STIC-Biotech/ChemLib
Subject: Sequence Search Request 09/477962

For: Kathleen Kerr
Employee #77468
Mail Box 10C01
Art Unit 1652
Rm 10B13, CM1
305-1229

In Application No. 09/477,962 in *commercial* and *issued* databases:

Please search SEQ ID No: 115 (an amino acid seq) against nucleic acid databases.

Please search SEQ ID Nos: 115 against 09477962 .seq (nucleics in its own file).

Please call with any questions

Please save results from databases on ****diskettes****

Thank you very much.

Kathleen Kerr

Kathleen Kerr, Ph.D.
Patent Examiner
Recombinant Enzymes, Art Unit 1652
United States Patent and Trademark Office
Arlington, VA

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AA Sequences: _____
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